

All District Engineers

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Special Provision for Shoulder Stabilization at Guardrail

October 1, 2004

This special provision was developed by the Bureau of Design and Environment. These revisions, along with those shown on Standard 630201-03 are a result of the ongoing NCHRP 350 crash testing of guardrail systems.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the January 21, 2005 and subsequent lettings. The Project Development and Implementation Section will include a copy in the contract.

This special provision will available on the transfer directory October 1, 2004.

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SHOULDER STABILIZATION AT GUARDRAIL (BDE)

Effective: January 1, 2005

Revise the last sentence of the second paragraph of Article 630.06 of the Standard Specifications to read:

“The void around each post shall be backfilled with earth or aggregate and capped with 75 mm (3 in.) of bituminous mixture or grout.”

Replace the last sentence of the third paragraph of Article 630.06 of the Standard Specifications with the following:

“Guardrail posts shall be driven through holes cored in the completed shoulder stabilization. The void around each post shall be backfilled with earth or aggregate and capped with 75 mm (3 in.) of bituminous mixture or grout.”

Add the following paragraph to the end of Article 630.06 of the Standard Specifications:

“When driving guardrail posts through existing shoulders, shoulder stabilization, or other paved areas, the posts shall be driven through cored holes. The void around each post shall be backfilled with earth or aggregate and capped with 75 mm (3 in.) of bituminous mixture or grout.”

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